

moist soil; in dense brush at edge of cleared area. Pedigree - Wild.
Tree ca. 8 cm DBH, 25 ft. tall.

PI 600155. *Malus fusca* (Raf.) C. K. Schneid.

Wild. GMAL 2980. Collected 07/10/1988 in Oregon, United States. Off Hwy 101 at turnoff to South Beach State Park, Lincoln Co. In swamp, with *Alnus*, pine, himalaya berry, *Crataegus*, *Rhododendron*; many other trees/bushes of *M. fusca* present. Pedigree - Wild. Small bent tree ca. 20 ft. high.

PI 600156. *Malus fusca* (Raf.) C. K. Schneid.

Wild. GMAL 2981. Collected 07/11/1988 in California, United States. Adjacent to sand dune off dirt road leading to ocean beach (south of mouth of Smith River), Del Norte Co. Pedigree - Wild. Shrubby tree with one main trunk, but branching profusely above. Few fruit observable; nearby plant had fruit.

PI 600157. *Malus fusca* (Raf.) C. K. Schneid.

Wild. GMAL 2982. Collected 07/11/1988 in California, United States. Adjacent to sand dunes off dirt road leading to ocean beach (south of mouth of Smith River), Del Norte Co. Pedigree - Wild. Shrubby tree with one main trunk, but branching profusely above. Few fruit observable; nearby plant had fruit.

PI 600158. *Malus fusca* (Raf.) C. K. Schneid.

Wild. GMAL 2983. Collected 07/11/1988 in California, United States. Adjacent to Kellogg road to beach ca. 100 m from beach. With *Lonicera*, *Salix*, marsh grass; ground dry but probably moist to wet much of the year. Pedigree - Wild. Several low bushy trees ca. 4 m high; sufficient fruit on several individuals to warrant returning in fall.

PI 600159. *Malus fusca* (Raf.) C. K. Schneid.

Wild. GMAL 2984. Collected 07/11/1988 in California, United States. Adjacent to Kellogg road to beach ca. 100 m from beach with *Lonicera*, *Salix*, marsh grass; ground dry but probably moist to wet much of the year. Pedigree - Wild. Several low bushy trees ca. 4 m high. Sufficient fruit on several individuals to warrant returning in fall.

PI 600160. *Malus fusca* (Raf.) C. K. Schneid.

Wild. GMAL 2985. Collected 07/11/1988 in California, United States. Trailhead on state park land on Kellogg Rd., about 200 m from beach, south of mouth of Smith River, Del Norte. Marshy habitat low drainage ditch for immediate area, ground presently firm, but probably muddy most of the year. Pedigree - Wild. Large round tree ca. 30 ft. high; largest plant seen to date, plenty of fruit.

The following were donated by Norman F. Weeden, Cornell University, New York State Agric. Exp. Station, Department of Horticultural Sciences, Geneva, New York 14456-0462, United States. Received 11/01/1988.

PI 600161. *Malus fusca* (Raf.) C. K. Schneid.

GMAL 2986.

PI 600162. *Malus fusca* (Raf.) C. K. Schneid.